

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001620

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04Q 7/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04Q7/20

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR2002-0044306 A (LG ELECTRONICS CO.,LTD.)15.JUN.2002 see the whole document.	1-6
A	KR2000-0000422 A (RUMEX LTD.)15.JAN.2000 see the whole document.	1
A	WO99/61966 A2(NOKIA MOBILE PHONES LTD.)02.DEC.1999 see the whole document.	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 OCTOBER 2004 (14.10.2004)

Date of mailing of the international search report

18 OCTOBER 2004 (18.10.2004)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

JEONG, Hae Kon

Telephone No. 82-42-481-5986



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001620

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR2002-0044306 A	15. JUN. 2002	NONE	
KR2000-0000422 A	15. JAN. 2000	NONE	
W099/61966 A2	02. DEC. 1999	FI0981184 A0 FI0105743 B1 EP1082648 A2 EP1082648 B1 DE69913690 C0 AU4268399 A1	27. MAY. 1998 29. SEP. 2000 14. MAR. 2001 17. DEC. 2003 29. JAN. 2004 13. DEC. 1999